



2007 MICHIGAN FAMILY FISH CONSUMPTION GUIDE

Important facts to know if you eat Michigan fish



MDCH Division of Environmental Health • 1-800-648-6942

Visit us on the web at www.michigan.gov/mdch-toxic, click on Michigan Fish Advisory

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Project F.I.S.H

Project F.I.S.H. is a Michigan youth sportfishing education program. It is designed to involve children in long-term, mentor-based, community-supported, sportfishing and aquatic resource education.

Call 517-432-2700 for more information, or visit: www.projectfish.org

HEALTH BENEFITS AND RISKS OF EATING FISH



HEALTH BENEFITS OF EATING FISH

The Michigan Department of Community Health (MDCH) recommends that adults and children include fish as a regular and healthy part of their diet. Fish are a great low-fat source of protein, vitamins and minerals. The oils

(omega-3 fatty acids) found in fish can be important to the

healthy development of babies during pregnancy, breast-fed babies and children. Eating fish on a regular basis can also reduce the risk of heart disease in adults as fish, are low in saturated fat.

The American Heart Association recommends eating fish two times a week.

Health Risks from Chemical Contaminants found in Some Fish

MDCH advises women of childbearing age and children under 15 years old to be extra careful before eating certain types of fish in Michigan.

The Michigan Department of Community Health advises extra caution about eating some species of fish too often. Many chemicals used in society eventually end up in lakes, rivers, oceans and in some of the fish that we eat. The amounts of chemicals found in Michigan fish are not known to cause immediate sickness. It may take months or years of regularly eating contaminated fish to build up to amounts that are a health concern. However, some of these chemicals can reach levels that could be harmful to human health if people eat contaminated fish too often. Chemicals can reach high levels in your body and can affect your health or your children's health. Women of childbearing age that eat contaminated fish may have children with delayed or impaired physical, mental, or behavioral development. Some of these chemicals can damage an adult's immune system, cause changes in liver function or cause cancer.



Get the Benefits and Avoid the Risks

Use Michigan's Fish Consumption Guides:

TThere are many types of fish that make healthy additions to your diet. Use the information found in Michigan's Fish Consumption Guides to get the benefits of eating fish without the risks from chemical contamination.

- *Michigan Family Fish Consumption Guide*: This is the booklet you are reading. It contains specific fish consumption advice by water body, fish species, fish length, and by the age and gender of the person eating the fish.
- *A Family Guide to Eating Fish*: This brochure provides the essential fish consumption information for families.
- *Avoid Mercury in Fish and Seafood Shopping and Restaurant Guide*: This brochure contains a list of types of fish that you can buy that have been tested for mercury contamination by the U.S. Food and Drug Administration (U.S. FDA). The U.S. FDA has issued a nationwide advisory about mercury in purchased fish for women of childbearing age and young children. The brochure provides meal consumption advice.

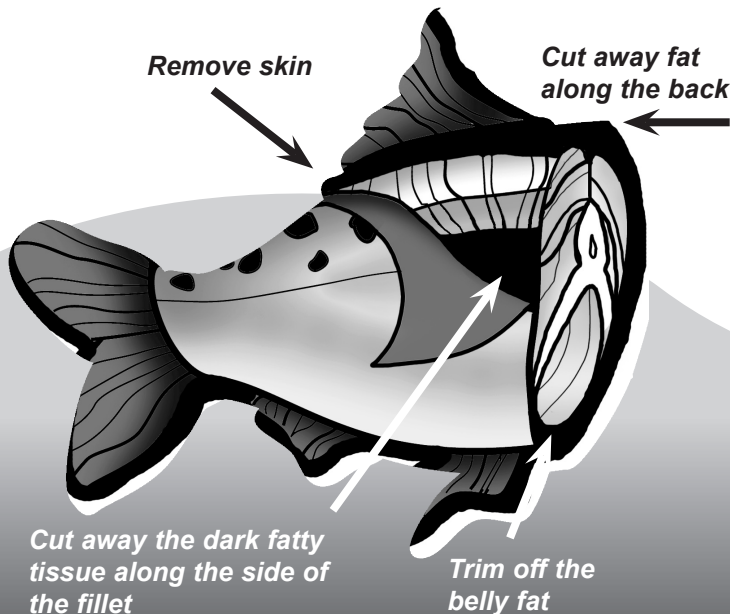
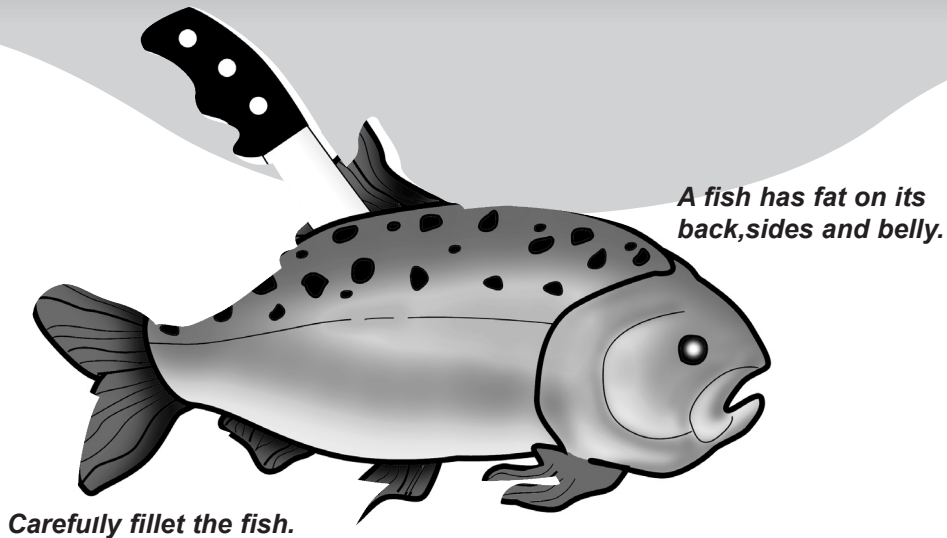
8 SIMPLE TIPS FOR EATING SAFE FISH



1. Trimming and Cooking
 - Trim away fatty areas (see page 4 for directions).
 - Remove or puncture the fish's skin before cooking. This allows fat to drain off and helps remove fat from under the skin.
 - Cook the fish so the fat drips away by baking, broiling, or grilling on a rack. Throw away the liquid fat and drippings.
 - Do not eat the organs, head, skin or dark fatty tissues.
 - Do not re-use oils used to deep or pan fry fish.
2. Space out your meals of fish.
3. Eat many different types of fish from a variety of sources. You will be more likely to select healthy fish choices.
4. Limit your meals of the kinds of fish that eat other fish. They are likely to contain more mercury and other chemical contaminants.
5. Eat smaller, younger fish. Fish just over the legal size limit or panfish tend to be lower in chemical contamination. Bigger and older fish have had more time to collect more chemicals.
6. Most chemicals (except mercury) collect in fat. Avoid fatty fish like carp and catfish from contaminated waters. Instead, try eating farm-raised catfish from your grocery store.
7. Don't eat shark, tilefish, king mackerel or swordfish. The U.S. FDA has found these species contain high amounts of mercury.
8. Mercury cannot be trimmed or cooked away from fish. Choose species that are low in mercury.

COOKING AND CLEANING FISH

Important reminders.



Mercury Fish

Consumption Advisories

Statewide Mercury Fish Consumption Advisory For All Inland Lakes, Reservoirs, and Impoundments

Follow the Statewide Mercury Advisory for lakes, reservoirs, and impoundments that are not listed in the fish consumption advisory tables of this booklet. The Statewide Mercury Advisory does not apply to the Great Lakes or rivers in Michigan.

- No one should eat more than one meal a week of rock bass, yellow perch, or crappie over 9 inches in length from inland lakes, reservoirs, or impoundments in Michigan.
- No one should eat more than one meal a week of largemouth bass, smallmouth bass, walleye, northern pike or muskellunge of any size from inland lakes, reservoirs, or impoundments in Michigan.
- Women of childbearing age and children under 15 years old should eat no more than one meal per month of rock bass, yellow perch, or crappie over 9 inches in length from inland lakes, reservoirs, or impoundments in Michigan.
- Women of childbearing age and children under 15 years of age should eat no more than one meal per month of largemouth bass, smallmouth bass, walleye, northern pike or muskellunge of any size from inland lakes, reservoirs, or impoundments in Michigan.

Nationwide Mercury Fish Consumption Advisory for Store Purchased Fish

The U.S. FDA has issued a nation-wide advisory about mercury in purchased fish to women of childbearing age and young children. MDCH has created the brochure called *Avoid Mercury in Fish and Seafood Shopping and Restaurant Guide*, which provides meal consumption advice based on U.S. FDA's testing of store purchased fish for mercury.

5 STEPS TO USING THE MICHIGAN FAMILY FISH CONSUMPTION GUIDE

The *Michigan Family Fish Consumption Guide* provides fish consumption advice by water body, fish species, and fish length. The fish consumption advice is provided in the tables on pages 8-57. The water bodies are grouped into four sections based on the Great Lakes Watersheds. Follow the Statewide Mercury Fish Consumption Advisory found on page 5 for inland lakes, reservoirs, and impoundments not listed in the Guide.

Step One:

Decide which Great Lake Watershed your water body is located in. If you are not sure which Watershed your water body is located in, check the two closest Great Lakes Watersheds.

- Erie page 8
- Huron page 20
- Michigan page 30
- Superior page 52

Step Two:

The list of water bodies starts with the name of the Great Lake, followed by the bays on the Great Lake that have additional advisories and then by an alphabetical listing of lakes, rivers, reservoirs, or impoundments. Locate the name of your water body in the first column of the table.

Step Three:

Locate the fish species that you are fishing for in the second column. Find the length of the fish along the top right side of the table.

Why doesn't the fish consumption guide list every water body?

Water bodies may not be listed because:

1. Fish from the water body have never been tested for chemical contaminants. Michigan has more than 11,000 lakes and 36,000 miles of rivers and streams in addition to the Great Lakes. Waters are more likely to be selected for fish contaminant testing if the water body has known contaminant problems, high recreational use, or may provide useful environmental information.
2. Fish from the water body have been tested but are covered by Statewide Mercury Fish Consumption Advisory for Inland Lakes, Reservoirs, and Impoundments.

Step Four:

Choose the category that matches the person(s) who will eat the fish.

- General Population: Adult men, Boys 15 years or older. Women beyond childbearing age.
- Women & Children: Women ages 15 and older of childbearing age who are pregnant or may have children in the future. Children under the age of 15 years old.

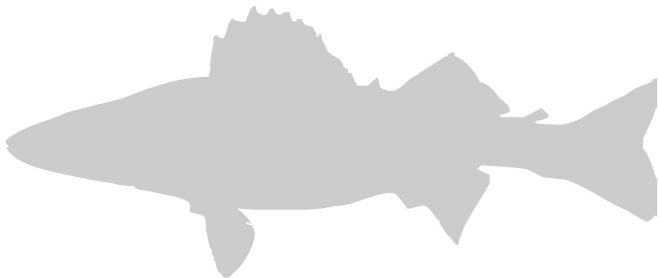
Step Five:

Follow the length column in the category that matches the person eating the fish down to the fish species you caught. The symbol on the table represents the consumption advice according to the following key:

- ▲ Unlimited consumption.
- ▼ One meal per week.
- One meal per month.
- Six meals per year.
- ◆ Do not eat these fish.

For More Information

For more information on the Fish Consumption Advisory, visit our website at www.michigan.gov/mdch-toxic or call 1-800-648-6942.



- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Erie Watershed All other locations refer to general advice on page 5.																				
Lake Erie #	Carp, Catfish	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Freshwater Drum	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Lake Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			■	■	■	■	■	■	■
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Smallmouth Bass	PCBs					▲	▲	▲	▲					●	●	●	●		
	Walleye	PCBs				▲	▲	▲	▲	▲	▲				●	●	●	●	●	
	White Bass	PCBs	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●			
	Whitefish	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	White Perch	PCBs	▲	▲	▲	▲						●	●	●	●					
	Yellow Perch	PCBs	▲	▲	▲	▲	▲					▼	▼	▼	▼	▼				
Barton Pond* (Huron R.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
Belleville Lake* (Huron R.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	■	■
	Gizzard Shad	PCBs	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●			
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	●	●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	
Black Creek (Lenawee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●

Also applies to tributaries into which migratory species enter.

* For species not listed, see general inland lake mercury advisory on page 5.

An empty box in the chart means one of two things:

- On the small end of the size scale, fish in this size range are not of legal size.
- On the large end of the size scale, fish of this type generally do not grow to this size.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Erie Watershed All other locations refer to general advice on page 5.																				
Cass Lake* (Oakland Co.)	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
	Walleye	Mercury, PCBs					▼	▼	▼	▼	▼					●	●	●	●	●
Clear Spring Lake* (Macomb Co.)	Largemouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●	
Clinton River (Downstream Yates Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	■	■	■	■
	Rock Bass	PCBs	▲	▲	▲	▲	▲					▲	▼	▼	▼	▼				
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Detroit River	Carp	PCBs, Dioxin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Freshwater Drum	Mercury, PCBs	▲	▲	▲	▲	▲	▼	▼	▼	▼	●	●	●	●	●	●	●	●	●
	Northern Pike	PCBs							▲	▲	▲						●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	●	●	●	
	Walleye	PCBs				▲	▲	▲	▲	▲	▲				●	●	●	●	●	●
	Yellow Perch	PCBs	▲	▲	▲	▲	▲					▲	▲	▼	▼	▼				
Ford Lake* (Washtenaw Co.)	Black Crappie	PCBs	▲	▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼			
	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				▼	▼	●	●	●	●
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼
Hudson Lake* (Lenawee Co.)	Carp	Mercury	▲	▲	▲	▲	▲	▲	▲	▼	▼	▲	▲	▲	▲	▲	▲	▲	●	●
	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Kent Lake* (Oakland Co.)	Black Crappie	Mercury, PCBs	▲	▲	▼	▼	▼	▼				▲	▲	●	●	●	●			
	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Largemouth and Smallmouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼	
	Walleye	PCBs					▲	▲	▲	▲	▲					●	●	●	●	●

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

▲	Unlimited consumption.	▼	One meal per week.
●	One meal per month.	■	Six meals per year.
		◆	Do not eat these fish.

Water body	Species	Contaminant(s)	General Population									Women & Children									
			Length (inches)									Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	
Lake Erie Watershed All other locations refer to general advice on page 5.																					
Lake Orion* (Oakland Co.)	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	▲	◆	◆		▲	▲	▲	▲	▲	▼	▼	◆	◆
	Largemouth Bass	Mercury					▼	▼	▼	▼						●	●	●	●		
	Northern Pike	Mercury, PCBs							▼	▼	▼						●	●	●		
Lake St. Clair	Bluegill	PCBs	▲	▲	▲	▲							▼	▼	▼	▼					
	Brown Bullhead	Mercury	▲	▲	▲	▲	▼						▲	▲	▲	▲	●				
	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼		●	●	●	●	●	●	●	●	
	Carp sucker	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼		▲	▲	▲	▲	▲	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▼	▼	▼					▼	▼	■	◆	◆	◆
	Largemouth and Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●		
	Northern Pike	Mercury							▲	▼	▼						▲	●	●		
	Muskellunge	Mercury, PCBs									◆									◆	
	Sturgeon	PCBs									▲									●	
	Walleye	Mercury, PCBs				▲	▲	▲	▼	▼	▼					▼	▼	▼	●	●	●
	White Bass	Mercury, PCBs	▲	▲	▲	▼	▼	▼					●	●	●	●	●	●			
	White Perch	Mercury	▲	▲	▼	▼							▲	▲	●	●					
Loon Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼
	Largemouth and Smallmouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●		
Maceday Lake* (Oakland Co.)	Northern Pike	Mercury, PCBs							▼	▼	▼							●	●	●	
Norvell Lake (Jackson Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	▼	▼	▼		
Osmun Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	■	■
	Largemouth Bass	PCBs, Mercury					▼	▼	▼	▼						●	●	●	●		
Ottawa River	All species	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆

* For species not listed, see general inland lake mercury advisory on page 5.






- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.


























































			General Population									Women & Children									
			Length (inches)									Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	
Water body	Species	Contaminant(s)	All other locations refer to general advice on page 5.																		
Pine River (St. Clair Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▼	▼	▼	▼
Pontiac Lake* (Oakland Co.)	Channel Catfish	Mercury, PCBs				▲	▲	▲	▼	▼	▼				▼	▼	▼	●	●	●	
River Raisin (Upstream Monroe Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	●
River Raisin, (Downstream Monroe Dam) and Plum Creek	Black Buffalo	PCBs	▲	▲	▲	▲	◆	◆	◆	◆	◆		■	■	■	■	◆	◆	◆	◆	◆
	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆
	Channel Catfish	PCBs				◆	◆	◆	◆	◆	◆				◆	◆	◆	◆	◆	◆	◆
	Freshwater Drum	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	●
	Smallmouth Bass	PCBs					▼	▼	▼	▼						■	■	■	■		
	White Bass	PCBs	▲	▲	▼	◆	◆	◆					■	■	■	◆	◆	◆			
River Raisin, South Branch	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	●
	Northern Pike	PCBs							▲	▲	▲							●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲			▼	▼	▼	●	●	●	●	●	
Rouge River (Main or Upper Branch upstream M-153/Ford Road)	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼
Rouge River (Phoenix Lake)	Bluegill	PCBs	▲	▲	▲	▲							▼	▼	▼	▼					
	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	●	●	●	●
	Northern Pike	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▲	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▼	▼	▼	▼	▼
Rouge River (Newburgh Lake)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲					●	●	●	●	●	●
	Largemouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼		
	Northern Pike	PCBs							▲	▲	▲							●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	●	●	●	●	●

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.






			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Erie Watershed All other locations refer to general advice on page 5.																				
Rouge River (Middle Branch downstream of Newburgh Lake and Main Branch downstream M-153/Ford Road)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	◆	■	■	■	■	■	■	■	■	◆
	Catfish	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Largemouth and Smallmouth Bass	PCBs					◆	◆	◆	◆					◆	◆	◆	◆		
	Northern Pike	PCBs							◆	◆	◆						◆	◆	◆	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	■	■	■	■
	All other species	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rouge River Lower Branch and Main Branch (Downstream Ford Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	◆	◆	■	■	■	■	■	■	■	◆	◆
	Suckers	PCBs	▲	▲	▲	▲	◆	◆	◆	◆	◆	■	■	■	■	◆	◆	◆	◆	◆
Terry Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	●	●	●	●
St. Clair River	Carp	Mercury, PCBs	▲	▲	▲	▲	▲	▲	▼	▼	◆	▲	▲	▲	▼	●	●	■	◆	◆
	Freshwater Drum	Mercury, PCBs	▲	▲	▲	▲	▼	▼	▼	▼	▼	▲	▲	▲	▲	●	●	●	●	●
	Gizzard Shad	Mercury, PCBs	▲	▲	▼	▼	▼	▼				▼	●	◆	◆	◆				
	Walleye	PCBs				▲	▲	▲	▲	▲	▲				●	●	●	●	●	●
Stony Creek Impoundment* (Macomb Co.)	Northern Pike	Mercury, PCBs							▼	▼	▼							●	●	●
Unnamed Lake* (Washtenaw Co., T3S, R7E, S26)	Bullhead	PCBs	▲	▲	▲	▲	▲					▼	▼	▼	▼	▼				
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
Walled Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	●
	Northern Pike	Mercury, PCBs							▼	▼	▼							●	●	●
Whitmore Lake* (Livingston Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼
Woodland Lake* (Livingston Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼
	Largemouth Bass	Mercury					▲	▼	▼	▼					▲	●	●	●		

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

 Unlimited consumption.		 One meal per week.	
 One meal per month.		 Six meals per year.	
		 Do not eat these fish.	

			General Population										Women & Children												
			Length (inches)										Length (inches)												
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +				6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		
Water body	Species	Contaminant(s)																							
Lake Erie Watershed All other locations refer to general advice on page 5.																									
*All Inland lakes, reservoirs, and impoundments <small>(mercury advisory)</small>	Crappie	Mercury																							
	Largemouth and Smallmouth Bass	Mercury																							
	Muskellunge	Mercury																							
	Northern Pike	Mercury																							
	Rock Bass	Mercury																							
	Walleye	Mercury																							
	Yellow Perch	Mercury																							

- ▲ Unlimited consumption. ▼ One meal per week.
● One meal per month. ■ Six meals per year.
◆ Do not eat these fish.

	Unlimited consumption.		One meal per week.
	One meal per month.		Six meals per year.
			Do not eat these fish.

Water body	Species	Contaminant(s)	General Population									Women & Children										
			Length (inches)									Length (inches)										
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		
Lake Huron Watershed All other locations refer to general advice on page 5.																						
Lake Huron #	Brown Trout	PCBs			▲	▲	▲	▼	▼	▼	▼					●	●	●	◆	◆	◆	◆
	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲					●	●	●	●	●	●	●
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲					●	●	●	●	●	●	●
	Lake Trout	PCBs, Dioxins			▼	▼	▼	▼	▼	▼	◆	◆				◆	◆	◆	◆	◆	◆	◆
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●
	Whitefish	PCBs, Dioxins	▲	▲	▲	▲	▲	▼	◆	◆	◆	◆		▼	▼	▼	▼	▼	◆	◆	◆	◆
Saginaw Bay # <small>(Also follow Lake Huron advisories above)</small>	Carp	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Channel Catfish	PCBs, Dioxins				▼	▼	◆	◆	◆	◆					◆	◆	◆	◆	◆	◆	◆
	Northern Pike	PCBs							▲	▲	▲							▼	●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	●	●	●	●	●	
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▼	●	●	●	●	●	
	White Bass	PCBs, Dioxins	▲	▲	▲	▼	▼	▼					●	●	●	◆	◆	◆				
	White Perch	PCBs	▲	▲	▲	▲							●	●	●	●						
	Yellow Perch	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼					
Thunder Bay # <small>(Also follow Lake Huron advisories above)</small>	Carp	PCBs, Dioxins	▲	▲	▲	▲	▲	◆	◆	◆	◆		▼	▼	▼	▼	▼	◆	◆	◆	◆	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	●	●	●	●	
Au Sable River <small>(At Oscoda)</small>	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼		◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Walleye	Mercury, PCBs					▲	▲	▲	▼	▼					▼	●	●	●	●	●	
Au Sable River <small>(Middle Branch)</small>	Walleye	Mercury					▼	▼	▼	▼	▼					●	●	●	●	●	●	
Bad River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▼	▼	▼		▼	▼	▼	▼	▼	●	●	●	●	
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲					▼	▼	●	◆	◆	◆	
	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼	▼	
Black River <small>(Sanilac Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼	

Also applies to tributaries into which migratory species enter.

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
● One meal per month. ■ Six meals per year.
◆ Do not eat these fish.

			<div>▲ Unlimited consumption.</div> <div>● One meal per month.</div> <div>▼ One meal per week.</div> <div>■ Six meals per year.</div> <div>◆ Do not eat these fish.</div>									General Population									Women & Children								
			Length (inches)									Length (inches)																	
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +										6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Huron Watershed			All other locations refer to general advice on page 5.																										
Burt Lake (Cheboygan Co.)	Walleye	Mercury					▲	▼	▼	▼	▼											▲	●	●	●	●			
Cass River (Downstream Bridgeport)	Carp	Dioxins	▲	▲	▲	▲	▲	▲	▲	▲	▲		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			
	Channel Catfish	PCBs, Mercury Dioxins				▲	◆	◆	◆	◆	◆					▼	◆	◆	◆	◆	◆								
	Northern Pike	PCBs								▲	▲	▲											▼	●	●				
Cass River (Upstream Bridgeport)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	●	●	●	●	●				
	Northern Pike	Mercury							▲	▼	▼								▲	●	●								
Cass River (Upstream of Caro Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼				
	Sucker	Mercury	▲	▲	▲	▲	▲	▲	▼	▼	▼		▲	▲	▲	▲	▲	▲	●	●	●								
Cheboyganing Creek	Carp	PCBs	▼	▼	▼	▼	▼	▼	◆	◆	◆		●	●	●	●	●	●	◆	◆	◆								
	Northern Pike	PCBs							▲	▲	▲								●	●	●								
Chippewa River (Midland Co.)	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼				
Ess Lake* (Montmorency Co.)	Northern Pike	Mercury							▲	▼	▼								▼	●	●								
Gaylanta Lake* (Montmorency Co.)	Northern Pike	Mercury							▲	▼	▼								▼	●	●								
Five Lakes* (Clair Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▼	●	●	●										
Flint River (Downstream Flint)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	◆		●	●	●	●	●	●	●	●	◆								
	Smallmouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼										
Frenchman Lake* (Chippewa Co.)	Northern Pike	Mercury							▲	▼	▼								▼	●	●								
Holloway Reservoir* (Genesee Co.)	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲					●	●	●	●	●	●								
Lake Emma* (Presque Isle Co.)	Northern Pike	Mercury	▲	▲	▲	▲	▲	▲	▼	▼	▼		▼	▼	▼	▼	▼	▼	●	●	●								
Lake Esau* (Presque Isle Co.)	Smallmouth Bass	Mercury					▲	▼	▼	▼						▼	●	●	●										
Lobdell Lake* (Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▼	▼	▼	▼	●							

Also applies to tributaries into which migratory species enter.

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Water body	Species	Contaminant(s)	All other locations refer to general advice on page 5.																	
Long Lake* (Presque Isle Co.)	Smallmouth Bass	Mercury					▲	▼	▼	▼						▼	●	●	●	
	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆
Kawkawlin River	Northern Pike	PCBs							▲	▲	▲							●	●	●
	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	●
Kearsley Reservoir* (Genesee County)	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
	Northern Pike	Mercury							▲	▼	▼							▼	●	●
Pine River* (Alma Impoundment)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	●
Pine River* (Downstream Alma dam)	All Species	PBBs, DDT	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆
Lake Ponemah* (Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	●	●
	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Rifle River	Rock Bass	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼			
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲			▲	▼	▼	▼	▼	▼	▼	
Saginaw River (Entire Length)	Carp, Catfish	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆
	White Bass	PCBs	▼	▼	▼	▼	▼	▼					■	■	■	■	■			
	All other species	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	▼	▼		●	●	●	●	●	●	●	●
Sanford Lake* (Midland Co.)	Black Crappie		▲	▲	▲	▲	▲	▲					▲	▲	▲	▲	▲			
	Channel Catfish	Mercury, PCBs				▲	▲	▲	▲	▼	▼					▼	▼	▼	▼	●
	Rock Bass		▲	▲	▲	▲	▲						▲	▲	▲	▲	▲			
St. Mary's River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
	Northern Pike	Mercury							▼	▼	▼							●	●	●
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▼	▼	●	●	●
Sebawaing River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	●	●	●	●
	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼

Also applies to tributaries into which migratory species enter.

* For species not listed, see general inland lake mercury advisory on page 5.




































































































































- ▲ Unlimited consumption. ▼ One meal per week.
● One meal per month. ■ Six meals per year.
◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Huron Watershed All other locations refer to general advice on page 5.																				
Shiawassee River (Downstream of Owosso)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	●
	Rock Bass	PCBs	▲	▲	▲	▲	▲					▼	▼	▼	▼	▼				
	Smallmouth Bass	PCBs					▲	▲	▲	▲					▼	▼	▼	▼		
Shiawassee River (Byron to Owosso)	Carp	PCBs	▼	▼	▼	▼	▼	▼	◆	◆	◆	■	■	■	■	■	■	◆	◆	◆
	Northern Pike	PCBs							▲	▲	▲							●	●	■
Shiawassee River S. Br. (M-59 to Byron)	Smallmouth Bass	PCBs					▲	▲	▲	▲						●	●	●	●	
	All species	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Stevenson Lake*	Bullhead	Mercury	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●
Tawas River	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼
Thompson Lake* (Livingston Co.)	Black Crappie	PCBs	▲	▲	▲	▼	▼	▼				●	●	●	●	●	●			
	Carp	PCBs	▲	▲	▲	▲	▲	▼	▼	◆	◆	▼	▼	▼	●	●	■	◆	◆	◆
	Northern Pike	Mercury, PCBs							▼	▼	▼							●	●	●
Thread Creek and Thread Creek Impoundment (Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
Tittabawassee River (Downstream of Midland)	Carp, Catfish	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Smallmouth Bass	PCBs, Dioxins					▼	▼	▼	▼						◆	◆	◆	◆	
	White Bass	PCBs, Dioxins	◆	◆	◆	◆	◆	◆				◆	◆	◆	◆	◆	◆			
	Walleye	PCBs					▲	▲	▼	▼	▼	●	●	●	●	●	●	■	■	■
	All other species	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●	●	●	●
Wixom Lake*	Northern Pike	Mercury							▲	▲	▼							▼	▼	●

Also applies to tributaries into which migratory species enter.

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

	Unlimited consumption.		One meal per week.	General Population										Women & Children									
	One meal per month.		Six meals per year.	Length (inches)										Length (inches)									
			Do not eat these fish.	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	
Lake Huron Watershed All other locations refer to general advice on page 5.																							
Tobico Wetland* <small>(Bay Co.)</small>	Carp	PCBs																					
	Northern Pike	PCBs																					
Van Etten Lake* <small>(Iosco Co.)</small>	Carp	PCBs																					
	Channel Catfish	PCBs																					
	Walleye	Mercury, PCBs																					
*All Inland lakes, reservoirs, and impoundments <small>(mercury advisory)</small>	Crappie	Mercury																					
	Largemouth and Smallmouth Bass	Mercury																					
	Muskellunge	Mercury																					
	Northern Pike	Mercury																					
	Rock Bass	Mercury																					
	Walleye	Mercury																					
	Yellow Perch	Mercury																					

Also applies to tributaries into which migratory species enter.

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

	Unlimited consumption.		One meal per week.
	One meal per month.		Six meals per year.
			Do not eat these fish.

Water body	Species	Contaminant(s)	General Population										Women & Children										
			Length (inches)										Length (inches)										
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +			
Lake Michigan Watershed All other locations refer to general advice on page 5.																							
Lake Michigan North of Frankfort #	Brown Trout	PCBs, Dioxin			▼	▼	▼	▼	▼	▼	▼												
	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▼	▼		
	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼		■	■	■	■	■	■	■	◆	◆		
	Catfish	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆		
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	■	■		
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	■		
	Lake Trout	PCBs, Chlordane			▲	▲	▲	▲	▲	▲	◆	◆				●	●	●	●	■	◆	◆	
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲	▲				▼	▼	▼	●	●	●	●		
	Smelt	PCBs	▲	▲	▲	▲								▼	▼	▼	▼						
	Sturgeon	PCBs										◆										◆	
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼						▼	●	●	■	■		
	Whitefish	PCBs, Dioxin	▼	▼	▼	▼	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆		
	Yellow Perch	PCBs	▲	▲	▲	▲	▲							▼	▼	▼	▼	▼					
	Lake Michigan South of Frankfort #	Brown Trout	PCBs			▲	▲	▲	▲	◆	◆	◆				●	●	●	●	◆	◆	◆	
Carp, Catfish		PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆		
Chinook Salmon		PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	■	■		
Coho Salmon		PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	■		
Lake Trout		PCBs, Chlordane			▲	▲	▲	▼	◆	◆	◆				●	●	●	●	◆	◆	◆		
Rainbow Trout (Including Steelhead)		PCBs			▲	▲	▲	▲	▲	▲	▲				▼	▼	▼	▼	●	●	●		
Smelt		PCBs	▲	▲	▲	▲							▼	▼	▼	▼							
Sturgeon		PCBs, Chlordane DDT, Dioxin										◆										◆	
Walleye		Mercury, PCBs					▲	▲	▼	▼	▼						▼	●	●	■	■		
Whitefish		PCBs, Chlordane Dioxin	▲	▲	▲	▲	▲	▲	◆	◆	◆		●	●	●	●	●	●	◆	◆	◆		
Yellow Perch		PCBs	▲	▲	▲	▲	▲						▲	▼	▼	▼	▼						

Also applies to tributaries into which migratory species enter

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population										Women & Children									
			Length (inches)										Length (inches)									
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	
Lake Michigan Watershed All other locations refer to general advice on page 5.																						
Green Bay # (S. of Cedar River. Applies to Michigan waters including Menominee and Cedar rivers below first dam. See also Lake Michigan-North of Frankfort)	Brown Trout	PCBs			▼	▼	▼	◆	◆	◆	◆				●	●	■	◆	◆	◆	◆	
	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▼	▼	
	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	◆	◆		■	■	■	■	■	■	■	◆	◆	
	Channel Catfish	PCBs				▼	▼	▼	▼	▼	▼					■	■	■	■	■	■	
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●	
	Lake Trout	PCBs			▲	▲	▲	▲	▼	▼	▼				●	●	●	●	●	■	■	
	Northern Pike	PCBs							▲	▲	▲							●	●	●		
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●	
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼							●	●	●	●		
	Splake	PCBs			▼	▼	▼	◆	◆	◆	◆				●	●	■	◆	◆	◆	◆	
	Sturgeon	PCBs									◆										◆	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▼	▼	▼		●	●	●	●	●	●	●	●	●	
	Walleye	Mercury, PCBs					▲	▼	▼	▼	▼						●	●	■	◆	◆	
	White Bass	PCBs	◆	◆	◆	◆	◆	◆					◆	◆	◆	◆	◆	◆				
	Whitefish	PCBs, Dioxins	▼	▼	▼	▼	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	
	White Perch	PCBs	◆	◆	◆	◆							◆	◆	◆	◆						
Yellow Perch	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼						
Little Bay de Noc # (See also Lake Michigan North of Frankfort)	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▼	▼	
	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	◆	◆		■	■	■	■	■	■	■	◆	◆	
	Northern Pike	PCBs							▲	▲	▲							●	●	■		
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●			
	Suckers	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼		●	●	●	●	●	●	●	●	●	

Also applies to tributaries into which migratory species enter.

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● One meal per month. ■ Six meals per year.
◆ Do not eat these fish.

			General Population									Women & Children																	
			Length (inches)									Length (inches)																	
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +										6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Water body	Species	Contaminant(s)	All other locations refer to general advice on page 5.																										
Antione Lake* (Dickinson Co.)	Northern Pike	Mercury							▲	▼	▼											▼	●	●					
	Walleye	Mercury					▲	▲	▼	▼	▼									▼	▼	●	●	●					
Austin Lake* (Kalamazoo Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼									▼	●	●	●							
Barton Lake* (Kalamazoo Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲			▲	▲	▲	▲	▲	▼	▼	▼	▼	▼						
Battle Creek River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲			▼	▼	▼	▼	▼	▼	▼	●	●	●						
	Smallmouth Bass	PCBs					▲	▲	▲	▲								▼	▼	▼	▼								
Bear Lake* (Muskegon Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▼	◆		●	●	●	●	●	●	●	●	◆	◆							
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼							●	●	●	●									
	Northern Pike	PCBs							▲	▲	▲								▼	●	●								
	Walleye	Mercury, PCBs					▲	▼	▼	▼	▼						●	●	■	■	■								
Black Creek (Muskegon Co.)	Carp, Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	●	●							
Black River (S. Br. upstream Bangor)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼							
Black River (Downstream S. Br. and S. Br. downstream Bangor)	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆							
	Northern Pike	PCBs							▲	▲	▲									●	●	●							
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼							
Boot Lake* (Schoolcraft Co.)	Walleye	Mercury					▲	▲	▼	▼	▼						▼	▼	●	●	●								
Boyne River	Brown Trout	PCBs		▲	▲	▲	▲	▲	▲	▲	▲			▼	●	●	●	●	●	●	●								
Camp Lake* (Kent Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼							▼	●	●	●									
Craig Lake* (Baraga Co.)	Northern Pike	Mercury							▼	▼	◆								●	●	◆								
Crystal Lake* (Benzie Co.)	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲				▼	▼	▼	●	●	●	●								
	Lake Trout	PCBs					▲	▲	▲	▲	▲				▼	▼	▼	▼	●	●	●								
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼								
Dowagiac River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼								
Elk Lake* (Antrim Co.)	Lake Trout	Mercury, PCBs					▲	▲	▲	▼	▼				▼	▼	▼	▼	●	●	●								

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 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Water body	Species	Contaminant(s)	All other locations refer to general advice on page 5.																	
Fawn River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▼	▼	▼
	Smallmouth Bass	Mercury					▼	▼	▼	▼					●	●	●	●		
Flat River (Upstream Greenville)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
	Rock Bass	PCBs	▲	▲	▲	▲	▲						▲	▲	▲	▲	▲			
Flat River (Downstream Greenville)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
	Rock Bass	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼			
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▼	▼	▼	▼
Fenner Lake* (Allegan Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	●	●	●
Fremont Lake* (Newaygo Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼
Galien River	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	◆	◆	◆		▲	▲	▲	▼	●	●	◆	◆
Glen Lake* (Leelanau Co.)	Lake Trout	Mercury, PCBs, Chlordane					▲	▲	▼	▼	◆					▼	●	●	●	◆
Goose Lake* (Marquette Co.)	Northern Pike	PCBs							▲	▲	▲							●	●	●
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼
	Yellow Perch	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼			
Grand River (Upstream Webber Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲					▼	▼	●	●	●
	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼
Grand River (Downstream Webber Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲					▼	▼	●	●	●
	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	●	●	●	●

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			General Population										Women & Children									
			Length (inches)										Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +											
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		
Water body	Species	Contaminant(s)	All other locations refer to general advice on page 5.																			
Green Lake* <small>(Grand Traverse Co.)</small>	Lake Trout	Mercury, PCBs					▼	▼	▼	▼	▼						●	●	●	●	●	
Greenwood Reservoir* <small>(Escanaba River, Marquette Co.)</small>	Northern Pike	Mercury							▼	▼	◆							●	●	◆		
Gull Lake* <small>(Kalamazoo Co.)</small>	Northern Pike	Mercury, PCBs							▲	▼	▼							▼	●	●		
Hess Lake* <small>(Newago Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▼	▼	▼	
Higgins Lake* <small>(Roscommon Co.)</small>	Lake Trout	Mercury, PCBs, Chlordane			▲	▲	▲	▲	▲	▲	◆			●	●	●	●	●	●	◆		
Houghton Lake* <small>(Roscommon Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▼	▼	▼		
Kalamazoo River <small>(Ceresco Impoundment, Calhoun Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●		
Kalamazoo River <small>(From Battle Creek to Morrow Pond Dam)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●		
	Channel Catfish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●		
	Smallmouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼			
Kalamazoo River <small>(From Morrow Dam to Allegan Dam)</small>	Carp	PCBs, Dioxin	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆		
	Catfish, Suckers	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆		
	Largemouth and Smallmouth Bass	PCBs					◆	◆	◆	◆						◆	◆	◆	◆			
	All other species	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼		◆	◆	◆	◆	◆	◆	◆	◆		
Kalamazoo River <small>(Downstream of Allegan Dam)</small>	Carp, Catfish	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆		
	Largemouth and Smallmouth Bass	PCBs					▼	▼	▼	▼						◆	◆	◆	◆			
	Northern Pike	PCBs							◆	◆	◆							◆	◆	◆		
	All other species	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●		
Klinger Lake <small>(St. Joseph Co.)</small>	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●			
Lake Charlevoix* <small>(Charlevoix Co.)</small>	Brown Trout	PCBs			▲	▲	▲	▲	▼	▼	▼				●	●	●	●	■	■	■	
	Lake Trout	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●	

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 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan Watershed All other locations refer to general advice on page 5.																				
Lake Macatawa* (Ottawa Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▼	▼	◆	◆	▼	▼	▼	▼	●	●	◆	◆	◆
	Walleye	Mercury, PCBs					▲	▲	▲	●	●					●	●	●	●	●
Lake Mitchell* (Wexford Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▼	●	●	●	
Lake Paradise (Emmet Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
	Smallmouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Long Lake* (Kalamazoo Co.)	Black Crappie	Mercury	▲	▲	▲	▲	▼	▼				▲	▲	▲	▲	●	●			
Long Lake* (St. Joseph Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Manistee Lake* (Manistee Co.)	Black Crappie	Mercury, PCBs	▲	▼	▼	▼	▼	▼				▼	●	●	●	●	●			
	Bluegill	PCBs	▲	▲	▲	▲						▼	▼	▼	▼					
	Largemouth and Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
	Walleye	Mercury, PCBs					▼	▼	▼	▼	▼					●	●	●	●	●
Manistique Lake* (Mackinac Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▼	●	●	●	●
Manistique River (Upstream from dam at Manistique)	Northern Pike	Mercury							▼	▼	▼							●	●	●
Manistique River (Downstream from Manistique Papers Dam)	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				●	●	■	■	■	■
	Rock Bass	Mercury, PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Smallmouth Bass	PCBs					▲	▲	▲	▲	▲				●	●	●	●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▼	▼	●	●	●

- ▲ Unlimited consumption. ▼ One meal per week.
● One meal per month. ■ Six meals per year.
◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan Watershed All other locations refer to general advice on page 5.																				
Menominee River (Downstream Quinnesec, Dickinson Co.)	Carp	Mercury, PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●	●	●	■
	Sturgeon	Mercury, PCBs									▼									●
	Suckers	Mercury, PCBs	▲	▲	▲	▲	▼	▼	▼	▼	▼	▲	▲	▲	▲	●	●	●	●	●
	Walleye	Mercury, PCBs					▲	▼	▼	▼	▼					▲	●	●	●	●
Michigamme River System* (Including Lake Michigamme, Michigamme Reservoir, Peavy Pond, and Paint River Pond)	Burbot	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼	▲	▲	▲	▲	▲	▲	●	●	●
	Northern Pike	Mercury						▼	▼	▼	▼						●	●	●	●
	Suckers	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼	▲	▲	▲	▲	▲	●	●	●	●
	Walleye	Mercury					▼	▼	▼	▼	▼					●	●	●	●	●
Mona Lake* (Muskegon Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	●
	Smallmouth Bass	PCBs					▲	▲	▲	▲						●	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	●	●	●	●
Morrison Lake* (Ionia Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▲	▲	▲	▲	▲	▲	▲	▼	●
	Largemouth Bass						▲	▲	▲	▲						▲	▲	▲	▲	
Muskegon Lake* (Muskegon Co.)	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	▲	▼	◆	●	●	●	●	●	●	●	●	◆
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
	Northern Pike	PCBs						▲	▲	▲							▼	●	●	
	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					●	●	●	●	●
Muskegon River (Downstream Croton Dam)	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	▲	▼	◆	●	●	●	●	●	●	●	●	◆
	Suckers	Mercury, PCBs	▲	▲	▲	▲	▲	▼	▼	▼		▲	▲	▲	▲	▲	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	●	●	●	●
North Lake Leelanau* (Leelanau Co.)	Lake Trout	Mercury, PCBs					▼	▼	▼	▼	▼					●	●	●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Water body	Species	Contaminant(s)	All other locations refer to general advice on page 5.																	
North Manistique Lake* (Luce Co.)	Walleye	Mercury					▲	▲	▼	▼	▼					▼	▼	●	●	●
	Yellow Perch		▲	▲	▲	▲	▲						▲	▲	▲	▲				
Net River (Iron Co.)	Northern Pike	Mercury							▼	▼	▼							●	●	●
	Walleye	Mercury					▼	▼	▼	▼	▼					●	●	●	●	●
Paint Lake* (Iron Co.)	Northern Pike	Mercury							▲	▲	▼							▼	▼	●
Palmer Lake (St. Joseph Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Pere Marquette Lake* (Mason Co.)	Northern Pike	PCBs							▼	▼	▼							●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
Pere Marquette River (Including Baldwin and all otherTributaries)	Brown Trout	Mercury, PCBs		▲	▲	▲	▼	▼	▼	▼	▼			●	●	●	●	●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●	
Pigeon River (St. Joseph Co.)	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼
Platte Lake* (Benzie Co.)	Channel Catfish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
	Largemouth and Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
	Northern Pike	Mercury, PCBs							▼	▼	▼							●	●	●
	Rock Bass	Mercury	▲	▲	▼	▼	▼						▼	▼	●	●	●			
Portage Creek (Monarch Pond)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼
Portage Creek (Downstream Monarch Mill Pond, Kalamazoo Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				◆	◆	◆	◆	◆	◆					◆	◆	◆	◆	◆
	Largemouth Bass	PCBs					◆	◆	◆	◆						◆	◆	◆	◆	
	Smallmouth Bass	PCBs					◆	◆	◆	◆						◆	◆	◆	◆	
	All other species	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼		◆	◆	◆	◆	◆	◆	◆	◆
Portage Lake* (Manistee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	●	●
	Largemouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●	
	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
	Northern Pike	PCBs							▲	▲	▲							▲	▲	●

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
● One meal per month. ■ Six meals per year.
◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan Watershed All other locations refer to general advice on page 5.																				
Rabbit River (Upstream Hamilton Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Suckers	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼	▲	▲	▲	▲	▲	●	●	●	●
Rabbit River (Downstream Hamilton Dam)	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	■	■	■	■	■	■	■	■	■
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼	▼					●	●	●	●	●
	Northern Pike	Mercury							▼	▼	▼							●	●	●
Randall Lake Chain* (Branch Co.)	Northern Pike	Mercury, PCBs							▼	▼	▼							●	●	●
Red Cedar River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	●	●	●	●
Reed's Lake* (Kent Co.)	Largemouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼	
	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼
Ruddiman Creek Lagoon (Muskegon Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▼	◆	◆	●	●	●	●	●	●	●	◆	◆
	Largemouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼	
Round Lake* (Marquette Co.)	Northern Pike	Mercury							◆	◆	◆							◆	◆	◆
Selkirk Lake* (Allegan Co.)	Yellow Bullhead	Mercury	▲	▲	▼	▼	▼					▲	▲	●	●	●				
St. Joseph River (Downstream Berrien Springs)	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Smallmouth Bass	PCBs					▲	▲	▲	▲						●	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼
St. Joseph River (Including Chapin Lake* , upstream Berrien Springs, Berrien Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Largemouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●	
	Smallmouth Bass	PCBs					▲	▲	▲	▲						●	●	●	●	
St. Joseph River (Upstream Constantine)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▼	▼		●	●	●	●	●	●	●	◆	◆
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan Watershed All other locations refer to general advice on page 5.																				
St. Joseph River (Upstream Sturgis Impoundment)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▼	▼	▲	▲	▲	▲	▲	▲	▲	◆	◆
	Largemouth Bass	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●
Stanley Lake (Iron Co.)	Walleye	Mercury					▲	▲	▲	▲	▲					▲	▲	▲	▲	▲
Thornapple River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	●	●
Torch Lake* (Antrim Co.)	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▼	▼	▼	●	●	●	●
	Lake Trout	Mercury, PCBs, Chlordane					▲	▲	▼	◆	◆			▼	▼	●	●	●	◆	◆
	Lake Whitefish	PCBs, Dioxin	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	◆	◆	◆	◆
	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼						●	●	●	●	
	Yellow Perch	Mercury	▲	▲	▲	▼	▼					▲	▲	▲	●	●				
Union Lake* (St. Joseph R., Branch Co.)	Carp, Channel Catfish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
Unnamed Lake* aka Aligan Lake (Baraga Co., T49N, R31W, S35)	Northern Pike	Mercury							◆	◆	◆							◆	◆	◆
	Walleye	Mercury					▼	▼	◆	◆	◆					●	●	◆	◆	◆
	Yellow Perch	Mercury	▲	▼	◆	◆	◆					▲	●	◆	◆	◆				
Walloon Lake* (Charlevoix Co.)	Rock Bass		▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
	Yellow Perch		▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
West Branch Lakes, SE and SW* (Alger Co., T48N, R14W, S31)	Northern Pike	Mercury							◆	◆	◆							◆	◆	◆
	Walleye	Mercury					▼	▼	◆	◆						●	●	◆	◆	
	Yellow Perch	Mercury	▲	▼	◆	◆	◆					▲	●	◆	◆	◆				
Van Auken Lake*	Northern Pike	Mercury							▲	▼	▼							▼	●	●
White Lake (Muskegon Co.)	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼						●	●	●	●	
	Walleye	Mercury, PCBs					▲	▲	▲	▼	▼					▼	▼	▼	●	●

* For species not listed, see general inland lake mercury advisory on page 5.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

▲	Unlimited consumption.	▼	One meal per week.	General Population								Women & Children										
●	One meal per month.	■	Six meals per year.	Length (inches)								Length (inches)										
		◆	Do not eat these fish.	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan Watershed All other locations refer to general advice on page 5.																						
*All inland lakes, reservoirs, and impoundments (mercury adviosry)	Crappie	Mercury	▲	▼	▼	▼	▼	▼						▲	●	●	●	●	●			
	Largemouth and Smallmouth Bass	Mercury					▼	▼	▼	▼								●	●	●	●	
	Muskellunge	Mercury										▼										●
	Northern Pike	Mercury							▼	▼	▼								●	●	●	
	Rock Bass	Mercury	▲	▼	▼	▼	▼							▲	●	●	●	●				
	Walleye	Mercury					▼	▼	▼	▼	▼							●	●	●	●	●
	Yellow Perch	Mercury	▲	▼	▼	▼	▼							▲	●	●	●	●				

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Water body	Species	Contaminant(s)	All other locations refer to general advice on page 5.																	
Lake Superior #	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼
	Lake Herring	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼		▼	▼	▼	▼	▼	▼	●	
	Lake Trout	PCBs, Chlordane, Mercury			▲	▲	▲	▲	▲	▲	▼				▼	▼	▼	▼	▼	●
	Siscowet	Chlordane, PCBs, Dioxin			▲	▲	▲	◆	◆	◆	◆				●	●	●	◆	◆	◆
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼
	Whitefish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▼	▼
Au Train Lake* (Alger Co.)	Northern Pike	Mercury							▲	▲	▼							▲	▲	●
Boston Pond* (Houghton Co.)	Yellow Perch		▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
Carp River (Downstream of Deer Lake, Marquette Co.)	Brook Trout		▲	▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▲	
	Northern Pike	Mercury							▼	▼	▼							●	●	●
	Suckers		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	All other species	Mercury	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆
Carp Creek (Upstream of Deer Lake, Marquette Co.)	Brook Trout	Mercury	▲	▲	▼	▼	▼	▼	▼	▼		▲	▲	●	●	●	●	●	●	
	Suckers	Mercury	▲	▲	◆	◆	◆	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆	◆	◆
	All other species	Mercury	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆
Chaney Lake* (Gogebic Co.)	Northern Pike	Mercury							▼	◆	◆							●	◆	◆
	Yellow Perch	Mercury	▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
Cisco Lake Chain* (Gogebic Co.)	Walleye						▲	▲	▲	▲	▲					▲	▲	▲	▲	▲
Deer Lake (Alger Co.)	Northern Pike	Mercury							▼	◆	◆							●	◆	◆
Deer Lake (Marquette Co.)	All species	Mercury	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆
Duck Lake* (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●

* For species not listed, see general inland lake mercury advisory on page 5.
 # Also applies to tributaries into which migratory species enter.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Superior Watershed All other locations refer to general advice on page 5.																				
Lake Gogebic (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●
Lake Independence* (Marquette Co.)	Northern Pike	Mercury							▲	▲	▼							▲	▲	●
Lake Le Vasseur* (Marquette Co.)	Northern Pike	Mercury							▼	◆	◆							●	◆	◆
Langford Lake* (Gogebic Co.)	Walleye	Mercury					▲	▲	◆	◆	◆					▲	▲	◆	◆	◆
Pomeroy Lake* (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●
Portage Lake* (Houghton Co.)	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▲	▲	▼	▼	●	●	●
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▲	▲	●	●	●
Siskiwit Lake* (Isle Royale)	Lake Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▲	▲	▲	▲	▼	▼	▼
	Lake Whitefish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
Teal Lake*	Smallmouth Bass	Mercury					▲	▼	▼	▼						▼	●	●	●	
	Walleye	Mercury					▲	▼	▼	▼	▼					▼	●	●	●	●
Thousand Island Lake* (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●
Torch Lake* (Houghton Co.)	Northern Pike	Mercury, PCBs							▲	▲	▼							▼	▼	●
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●	
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▼	▼	●	●	●

* For species not listed, see general inland lake mercury advisory on page 5.
 # Also applies to tributaries into which migratory species enter.

- ▲ Unlimited consumption. ▼ One meal per week.
 ● One meal per month. ■ Six meals per year.
 ◆ Do not eat these fish.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
Water body	Species	Contaminant(s)	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Superior Watershed All other locations refer to general advice on page 5.																				
*All inland lakes, reservoirs, and impoundments (mercury advisory)	Crappie	Mercury	▲	▼	▼	▼	▼	▼				▲	●	●	●	●	●			
	Largemouth and Smallmouth Bass	Mercury					▼	▼	▼	▼						●	●	●	●	
	Muskellunge	Mercury									▼									●
	Northern Pike	Mercury							▼	▼	▼							●	●	●
	Rock Bass	Mercury	▲	▼	▼	▼	▼					▲	●	●	●	●				
	Walleye	Mercury					▼	▼	▼	▼	▼					●	●	●	●	●
	Yellow Perch	Mercury	▲	▼	▼	▼	▼					▲	●	●	●	●				

Also applies to tributaries into which migratory species enter.

* For species not listed, see general inland lake mercury advisory on page 5.

A. When multiple contaminants are listed, each chemical was analyzed separately for the appropriate advisory and the most protective advisory selected.

Updated April 2007. Advisory updates may be issued at any time upon receipt of significant new findings or changes in advisory criteria. For further information or the most up-to-date advice contact the **Michigan Department of Community Health Division of Environmental Health at 1-800-648-6942.**



*Michigan Department
of Community Health*



*Jennifer M. Granholm, Governor
Janet Olszewski, Director*

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